



1

<110> Shionogi & TAKAGI TRADE MARK

<120> Immunoassay for BNP

<130> 2000-0259A/JJF/WMC/00177

<140> 09/508,435
<141> 2000-03-13

<150> JP 246684/1997
<151> 1997-09-11

<160> 2

<170> Word (MS-DOS text)

<210> 1

<211> 402

<212> DNA

<213> human

<400> 1

atg gat ccc cag aca gca cct tcc cg_c g_c ctc ct_g ct_c ct_g ct_c ttc 48
 Met Asp Pro Gln Thr Ala Pro Ser Arg Ala Leu Leu Leu Leu Leu Phe
 1 5 10 15

| | | | | |
|---|----|----|----|----|
| 1 | 5 | 10 | 15 | |
| ttg cat ctg gct ttc ctg gga ggt cgt tcc cac ccg ctg ggc agc ccc | | | | 96 |
| Leu His Leu Ala Phe Leu Gly Gly Arg Ser His Pro Leu Gly Ser Pro | | | | |
| 20 | 25 | 30 | | |

ggt tca gcc tcg gac ttg gaa acg tcc ggg tta cag gag cag cgc aac 144
 Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn
 35 40 45

cat ttg cag ggc aaa ctg tcg gag ctg cag gtg gac cag aca tcc ctg 192
His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu
50 55 60

| | | | |
|---|----|----|-----|
| 50 | 55 | 60 | |
| gag ccc ctc gag gag agc ccc cgt ccc aca ggt gtc tgg aag tcc cg | | | 240 |
| Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg | | | |
| 65 | 70 | 75 | 80 |

gag gta gcc acc gag ggc atc cgt ggg cac cgc aaa atg gtc ctc tac 288
 Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr
 85 90 95

65 90 95

```
acc ctg cgg gca cca cga agc ccc aag atg gtg caa ggg tct ggc tgc 336
Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys
```

| | | | |
|-----------------------------|-------------------------------------|-----|-----|
| 100 | 105 | 110 | |
| ttt ggg agg aag atg gac cg | atc agc tcc tcc agt gcc ctg ggc tgc | | 384 |
| Phe Gly Arg Lys Met Asp Arg | Ile Ser Ser Ser Ser Gly Leu Gly Cys | | |
| 115 | 120 | 125 | |

115 120 125 402
aaa gtg ctg agg cg^g cat
Lys Val Leu Arg Arg His
126

1212-3

<210> 2
<211> 324

<211> 134

<212> PRT

1400-3

~~Met. Non. Bro. Gln. Thb. Alz. Bro. San. Arg. Alz. Lou. Lou. Lou. Lou. Phe.~~

1 5 10 15
Leu His Leu Ala Phe Leu Gly Gly Arg Ser His Pro Leu Gly Ser Pro
20 25 30
Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly Leu Gln Glu Gln Arg Asn
35 40 45
His Leu Gln Gly Lys Leu Ser Glu Leu Gln Val Glu Gln Thr Ser Leu
50 55 60
Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr Gly Val Trp Lys Ser Arg
65 70 75 80
Glu Val Ala Thr Glu Gly Ile Arg Gly His Arg Lys Met Val Leu Tyr
85 90 95
Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys
100 105 110
Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys
115 120 125
Lys Val Leu Arg Arg His
130

[0023]

SEQUENCE LISTING

[0024]

SEQ ID NO: 1

SEQUENCE LENGTH: 134

SEQUENCE TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE

ORGANISM: hu

SEQUENCE:

ACC CTG CGG GCA CCA CGA AGC CCC AAG ATG GTG CAA GGG TCT GGC TGC 340

Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly Cys

100

105

110

TTT GGG AGG AAG ATG GAC CGG ATC AGC TCC TCC AGT GCC CTG GGC TGC 388

Phe Gly Arg Lys Met Asp Arg Ile Ser Ser Ser Gly Leu Gly Cys

115

120

125

AAA GTG CTG AGG CGG CAT

436

Lys Val Leu Arg Arg His

130

134